



1/1 - (C) FILE CAPLUS  
 AN - 1999:531112 CAPLUS  
 DN - 131:158334  
 TI - Aqueous dispersion vinylamine polymer and its manufacture  
 IN - Nishimura, Akiko; Kubo, Katsuhisa; Ueno, Chie  
 PA - Kurita Water Industries, Ltd., Japan; Mitsubishi Chemical Industries Ltd  
 SO - Jpn. Kokai Tokkyo Koho, 8 pp.  
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 LA - Japanese  
 IC - ICM C08J003/03  
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 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PN	JP11228704	A	19990824	JP 1998-37694	19980219 <--
AB	The dispersion, having relatively low viscosity at a high concn., comprises an aq. polymer having vinylpyrrolidone unit, optionally, a polymer having N-vinylcarboxylic acid amide (I) unit and I and/or a copolymer of I and other monomers, and an inorg. salt. Thus, polymn. of N-vinylformamide 171, acrylonitrile 127 and vinylpyrrolidone-vinyl acetate copolymer 65 g in the presence of 2,2'-azobis(amidinopropane) dihydrochloride, adding 35% aq. HCl and MeOH and hydrolization in the presence of NaNO3 gave an aq. dispersion having particle size 4-20 .mu.m				
ST	vinylformamide acrylonitrile copolymer aq dispersion; vinylpyrrolidone vinyl acetate copolymer hydrolization dispersion				
IT	Dispersion (of materials) (aq. dispersion vinylamine polymer and its manuf.)				
IT	Polyoxyalkylenes, uses RL: MOA (Modifier or additive use); USES (Uses) (aq. dispersion vinylamine polymer and its manuf.)				
IT	Polymerization (dispersion; aq. dispersion vinylamine polymer and its manuf.)				
IT	72018-12-3DP, Poly(N-vinylformamide), hydrolization products 114815-82-6DP, Acrylonitrile-N-vinylformamide copolymer, hydrolization products RL: IMF (Industrial manufacture); PRP (Properties); PREP (Preparation) (aq. dispersion vinylamine polymer and its manuf.)				
IT	7631-99-4, Sodium nitrate, uses 7647-14-5, Sodium chloride, uses 9002-89-5, Polyvinyl alcohol 9003-39-8, Polyvinylpyrrolidone 25086-89-9, Vinyl acetate-vinylpyrrolidone copolymer 25322-68-3, Polyethylene glycol RL: MOA (Modifier or additive use); USES (Uses) (aq. dispersion vinylamine polymer and its manuf.)				